



PCT

RAW SEQUENCE LISTING

DATE: 11/05/2004

PATENT APPLICATION: US/10/511,278

TIME: 15:45:43

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

3 <110> APPLICANT: Lancet, Doron
 4 Menashe, Idan
 5 Man, Orna
 6 Gilad, Yoav
 8 <120> TITLE OF INVENTION: POLYMORPHIC OLFACTORY RECEPTOR GENES AND ARRAYS, KITS AND
 METHODS
 9 UTILIZING INFORMATION DERIVED THEREFROM FOR GENETIC TYPING OF
 10 INDIVIDUALS
 12 <130> FILE REFERENCE: 28364
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/511,278
 C--> 14 <141> CURRENT FILING DATE: 2004-10-22
 14 <160> NUMBER OF SEQ ID NOS: 104
 16 <170> SOFTWARE: PatentIn version 3.2
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 25
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Artificial sequence
 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
 26 <400> SEQUENCE: 1
 27 gatgctgccc tccagtcgcc tatgt 25
 30 <210> SEQ ID NO: 2
 31 <211> LENGTH: 25
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
 38 <400> SEQUENCE: 2
 39 ggggtctaact tgggtggaca ggtcc 25
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 25
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
 50 <400> SEQUENCE: 3
 51 agaactgtgc ttcagggtcc ttctt 25
 54 <210> SEQ ID NO: 4
 55 <211> LENGTH: 24
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
 62 <400> SEQUENCE: 4

Cp3.6)

RAW SEQUENCE LISTING

DATE: 11/05/2004

PATENT APPLICATION: US/10/511,278

TIME: 15:45:43

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

```

63 ggcatttgac cgctctgtgg ctat                                24
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 25
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
74 <400> SEQUENCE: 5
75 cggccacttc tgcgagcctc ttgtt                                25
78 <210> SEQ ID NO: 6
79 <211> LENGTH: 25
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
86 <400> SEQUENCE: 6
87 cctgggcctt cccatccaac ctgag                                25
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 27
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
98 <400> SEQUENCE: 7
99 tgctctaaga tccttcctgg cttcttc                                27
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 25
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
110 <400> SEQUENCE: 8
111 tggcctatga ccgctttgtg gcgat                                25
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 25
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
122 <400> SEQUENCE: 9
123 ctgcatgaca cagacctttc tcttt                                25
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 25
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
134 <400> SEQUENCE: 10
135 tgtgttgata cccaggcaaa tgagc                                25

```

RAW SEQUENCE LISTING

DATE: 11/05/2004

PATENT APPLICATION: US/10/511,278

TIME: 15:45:43

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

```

138 <210> SEQ ID NO: 11
139 <211> LENGTH: 25
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
146 <400> SEQUENCE: 11
147 tggcctatga ccgattcctg gccat 25
150 <210> SEQ ID NO: 12
151 <211> LENGTH: 25
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
158 <400> SEQUENCE: 12
159 accatcatga atcgacaggt ttgca 25
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 25
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
170 <400> SEQUENCE: 13
171 ggcattgattg ccctggtgtg cttca 25
174 <210> SEQ ID NO: 14
175 <211> LENGTH: 24
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
182 <400> SEQUENCE: 14
183 aaaacttttt ttgtgatgtt cccc 24
186 <210> SEQ ID NO: 15
187 <211> LENGTH: 26
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
194 <400> SEQUENCE: 15
195 tggtttgagg cacgtgaaat cagtct 26
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 25
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
206 <400> SEQUENCE: 16
207 tgtccattga ccgctacgtg gccgt 25
210 <210> SEQ ID NO: 17

```

RAW SEQUENCE LISTING

DATE: 11/05/2004

PATENT APPLICATION: US/10/511,278

TIME: 15:45:43

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

```

211 <211> LENGTH: 25
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
218 <400> SEQUENCE: 17
219 cctatgtcac cgcccttctt gggaa 25
222 <210> SEQ ID NO: 18
223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
230 <400> SEQUENCE: 18
231 tggcatttga tcgctatgta gctat 25
234 <210> SEQ ID NO: 19
235 <211> LENGTH: 25
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
242 <400> SEQUENCE: 19
243 ctgccctact gcagaggcaa tatac 25
246 <210> SEQ ID NO: 20
247 <211> LENGTH: 24
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
254 <400> SEQUENCE: 20
255 attcctagaa aactctgtat taaa 24
258 <210> SEQ ID NO: 21
259 <211> LENGTH: 25
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
266 <400> SEQUENCE: 21
267 gagtgttttc tcctggctgc catgg 25
270 <210> SEQ ID NO: 22
271 <211> LENGTH: 25
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
278 <400> SEQUENCE: 22
279 caacactttt actgtgacat tatcc 25
282 <210> SEQ ID NO: 23
283 <211> LENGTH: 25

```

RAW SEQUENCE LISTING

DATE: 11/05/2004

PATENT APPLICATION: US/10/511,278

TIME: 15:45:43

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

```

284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
290 <400> SEQUENCE: 23
291 atcgtctgga cactgctgca catcc 25
294 <210> SEQ ID NO: 24
295 <211> LENGTH: 25
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
302 <400> SEQUENCE: 24
303 cggcctatga ccgcttcgtg gccat 25
306 <210> SEQ ID NO: 25
307 <211> LENGTH: 25
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
314 <400> SEQUENCE: 25
315 tactttttcc tccgacactt ggcta 25
318 <210> SEQ ID NO: 26
319 <211> LENGTH: 25
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
326 <400> SEQUENCE: 26
327 tgtcctacga ccgctatgtg gccat 25
330 <210> SEQ ID NO: 27
331 <211> LENGTH: 25
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
338 <400> SEQUENCE: 27
339 gatgctgccc tctagtcccc tatgt 25
342 <210> SEQ ID NO: 28
343 <211> LENGTH: 25
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Synthtic DNA oligonucleotide
350 <400> SEQUENCE: 28
351 gggctctaact tgagtggaca ggtcc 25
354 <210> SEQ ID NO: 29
355 <211> LENGTH: 25
356 <212> TYPE: DNA

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/511,278

DATE: 11/05/2004
TIME: 15:45:44

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11042004\J511278.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:95; N Pos. 836

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,278

DATE: 11/05/2004

TIME: 15:45:44

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11042004\J511278.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:780